

ABSTRACT OF THE DISCLOSURE

A projection television has a unit for reflecting OFF light not advancing toward a screen of light emitted by a reflection type light modulating element and a unit for controlling the amount of the reflecting OFF light and returns the OFF light which has not been used in a conventional device to the light source to reuse the OFF light. This configuration increases the utilization efficiency of the light and, as a result, can realize a powerful projection television having a bright projection image.